Clair Nolan

Phone: (+1) 6186662504 (Mobile) | **Email:** clairzhq@gmail.com | **LinkedIn:** clairnolan |

Address: 907 Tuxworth Cir., 30033, Decatur, United States (Home)

ABOUT MYSELF

As a math major, I am obsessed with data. I am good at spotting patterns and turning data into clear, actionable insights. My attention to detail, accuracy,ability to work well in teams, strong desire to acquire new skills,excellent communication and presenting skills, makes me a perfect candidate of a data analyst. I have acquired a lot of certifications, such as Microsoft Power BI Data Analyst Professional Certificate,Google Data Analytics Certificate and Google Advanced Data Analytics Certificate. Currently I am working on PL-300 and AWS Clould Practitioner certifications.With experience in Python, SQL, Power BI, and Excel, I enjoy working on real-world data projects and turning raw data into meaningful insights. I am detail-oriented, work well in teams, and excel as a storyteller and effective presenter—skills developed through my experience as a teacher and my naturally engaging communication style. When I'm not analyzing data or teaching, I like exploring new technologies, improving my coding skills, and working on personal projects.

WORK EXPERIENCE

DELAND WELDON HIGH SCHOOL – CHAMPION, UNITED STATES

HIGH SCHOOL MATH TEACHER – 08/10/2023 – 05/20/2024

- Instructed students in Algebra, Geometry, and Precalculus, delivering engaging and standards-aligned lessons.
- Utilized interactive dashboards to enhance classroom engagement and support student understanding.
- Analyzed student performance data to identify trends and adapted instructional strategies to improve outcomes.
- Maintained regular communication with key stakeholders, including parents, the principal, and support staff, to ensure student success.

WEST CARROLL HIGH SCHOOL – SAVANNA , UNITED STATES

MATHEMATICS TEACHER AT SECONDARY SCHOOL – 08/18/2021 – 05/29/2023

- Delivered instruction in mathematics courses including [e.g., Algebra, Geometry, etc.], aligning with curriculum standards and student needs.
- Integrated technology tools, including digital platforms and dashboards, to support interactive learning and data-driven instruction.
- Monitored and analyzed student performance data to inform instructional decisions and drive academic improvement.
- Collaborated with parents, administrators, and other stakeholders to support student achievement and address individual learning needs.

EDUCATION AND TRAINING

08/17/2016 – 12/09/2018 Edwardsivlle, United States

MASTER OF SCIENCE Southern Illinois University Edwardsville

LANGUAGE SKILLS

Mother tongue(s): **MANDARIN**

Other language(s): **ENGLISH**

SKILLS

Microsoft Excel | Microsoft Office | Zoom | Python (computer programming) | SQL | Power Bi | Cloud computation | Data analysis | PowerBI - Data visulization | Machine Learning | Statistic Modeling | Teamwork | Presentation | Storytelling | Detail orientation

PROJECTS

Cyclistic Rider Analysis

Cyclistic is a bike-share program that features more than 5,800 bicycles and 600 docking stations. Cyclistic sets itself apart by also offering reclining bikes, hand tricycles, and cargo bikes, making bike-share more inclusive to people with disabilities and riders who can't use a stand rd two-wheeled bike. The majority of riders opt to traditional bikes A about 8% of riders use the assistive options. Cyclistic users are more likely to ride for leisure, but about 30% use the bikes to commute to where they are working.
This project aims to find out how casual riders and annual members use Cyclistic bikes differently and design a new marketing strategy to convert casual riders into annual member.

Hr Analytic Job Prediction

Developed a predictive model to identify employees at risk of attrition for Salifort Motors, enabling proactive retention strategies. Conducted data preprocessing, EDA, and feature engineering on a comprehensive HR dataset. Provided actionable insights to improve workload balance, evaluation fairness, and retention of long-tenured employees.

Rythm Retention

Developed a logistic regression model to predict user churn based on behavioral data from a music streaming service. Engineered key features (e.g., session count, genre preference) from three months of user activity and achieved ~77.8% accuracy. Identified that low session frequency and high Pop genre preference strongly indicate churn, guiding targeted retention strategies.

Healthcare Dynamics – Power BI Dashboard for Hospital Performance

Built an interactive Power BI dashboard to monitor hospital KPIs including patient volume, ER wait times, staff allocation, revenue, and satisfaction. Analyzed trends across demographics and departments to inform strategic decisions. Identified improvement areas in emergency care, elderly services, and discharge efficiency.